

LIST OF CRANIA + SKELETONS OF NORTH AMERICAN BATRACHIA + REPTILIA. (NUM 9195)  
(by WOODWARD + YARROW?)

SECT 5



MM 9195

LIST OF CRANIA AND SKELETONS OF NORTH  
AMERICAN BATRACHIA AND REPTILIA.

MM 9195

NOTE.—The classification and nomenclature adopted are according to  
Prof. Edward D. Cope, in his "*Check List of North American Batrachia  
and Reptilia*," Bull. U. S. Nat. Mus. No. 1.

substantially



CLASS BATRACHIA.

Order Trachystomata  
Family Sirenidae (The Sirens)

Siren lacertina, Linn. Mud Eel or Siren.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	1322 ✓				Dr. W. E. Whitehead U.S.

Order Proteida  
Family Proteidae (The Mud-puppies)  
Aecturus lateralis Say,

Menobranchius. Mud-Puppy - Water Wog - Wog-Fish

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	1922 ✓				Smith. Inst.

Order Caducibranchiata.

Family MENOPOMIDE.

Menopoma allegheniense, Harlan. Alleghany Hell-Bender.

(The Hellbenders)

Big Water Sizard,

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	165 ✓				Purchased.
	<del>1924</del> ✓		Perma.		Smith. Inst.
1935 ✓			"		" "



Family AMBLYSTOMIDÆ.  
 Amblystoma mavortium, Bd. Spotted Salamander.

<sup>the</sup> (Big Salamanders)

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	<del>963</del> ✓ 957 ✓		Colorado		Unknown
			New Mexico		Wm. W. B. Lyne U.S.A.
964 ✓			Colorado		Unknown

~~2424~~ | Amblystoma punctatum, Linn. Spotted Salamander.  
 | Soldier's Home, Washington | A. A. King. I. F. Poole

Amblystoma tigrinum, Green. Axolotl.

Tiger Salamander,

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	679 ✓			Hosp.	Slur. J. S. Floyd U.S.A.

ORDER Urodela. The  
 Family PLETHEDONTIDÆ / Salamanders, etc.  
 Plethodon glutinosus, Green. Salamander.

Viscid Salamander

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
2019 ✓	915 ✓		Georgia	Wm. Jones.	Wm. F. Schapher U.S.A. Smith Inst.



Spelerpes ruber ruber, (Daudin.) <sup>Cope</sup> Red Triton.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
549 ✓ <del>2005</del>			Carlisle Penna	S. F. Baird	Purchased Smith, Inst.

Family ~~Urodela~~ <sup>Wesomognathidae</sup> (The Wesomognathids)  
Wesomognathus fusca fusca (Raf.) Cope.  
Woody Salamander.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
2052 ✓ <del>2054</del>			Carlisle Penna South Illinois	S. F. Baird	Smith. Inst. " "

Family Pleurodelidae. (The Newts)  
Diemystylus torosus Eschsch.  
Western spotted Newt - Eschsch.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	2046 ✓		Calif.		Smith. Inst.



*Winnystylus miniatus viridescens* (Raf.)  
~~Winnystylus miniatus viridescens~~  
Spotted Toad; West; East; Ept.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
<del>1993</del> ✓			Carlisle Penna	S. P. Baird	Smith. Inst.
<del>2003</del> ✓			" "	" "	" "

ORDER Anura.

The

SUB-ORDER BUFONIFORMIA

Family BUFONIDÆ: (Toads.)

*Bufo halophilus* Baird

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	2179 ✓		Ft. Tejon Calif.		Smith. Inst.

*Bufo columbianus* Baird.  
The Columbian Toad.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	2172 ✓		Chiloway Ark		Smith. Inst.



Bufo microscaphus, Cope. Western Toad.

small shade foot.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
1541 ✓	<del>1401</del> ✓ 2177 ✓		Utah Colorado Lake Tahoe Cal	W. H. C. Gann <sup>ula</sup> W. J. Rothrock <sup>ula</sup>	E. W. f. 100 m. Smith Inst.

Bufo lentiginosus frontosus Cope.

(Shaw)

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
<del>1532</del> ✓	1531 ✓		Colorado "	W. H. C. Gann " "	E. W. f. 100 m. " " "

Bufo lentiginosus cognatus (Say.)

Cope.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
<del>1539</del> ✓	1538 ✓		Arizona "	J. W. Menckan " "	E. W. f. 100 m. " "



Cope.

Bufo lentiginosus americanus (Le Conte.) American Toad.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	<del>80</del> ✓				Dr. F. Schaphuis U.S.A.
	<del>1943</del> ✓		Smith Illinois	R. Hemicott	Smith Inst.

Cope.

Bufo lentiginosus lentiginosus, var. (Latr.) Red-signed Toad.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	<del>1102</del> ✓				Wm. W. Notson U.S.A.
	1981 ✓				Smith Inst.

Bufo quercicus, Holbrook. Oak Toad.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	<del>1232</del> ✓				Wm. J. H. P. King U.S.A.



SUB-ORDER **FIRMISTERNIA.**  
Family ENGYSTOMIDÆ.  
Engystoma carolinense, Holbrook. Chestnut-colored Frog.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
1265	93 ✓				Wm. Perry U.S.A. Wm. J. H. P. King U.S.A.

the Frogs  
Cope.  
Southern  
SUB-ORDER **ARCIFERA.**  
Family **HYLIDÆ:** (~~Tree Frogs.~~)  
Aeris gryllus gryllus (Holbrook), ~~Gray.~~ Cricket Frog.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	167 ✓	♀			Purchased,

Aeris gryllus cepitans (Baird.) Cope.  
Northern Cricket Frog

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.



(wid) Cope  
*Chorophilus triseriatus triseriatus*  
 Three Striped Tree Frog.

<i>Cran.</i>	<i>Skel.</i>	<i>Sex.</i>	<i>Locality.</i>	<i>Collector.</i>	<i>Donor.</i>

*Hyla regilla* Baird.  
 Western Tree Toad.

<i>Cran.</i>	<i>Skel.</i>	<i>Sex.</i>	<i>Locality.</i>	<i>Collector.</i>	<i>Donor.</i>

*Hyla carolinensis* Pennant.  
 Carolina Tree Toad

<i>Cran.</i>	<i>Skel.</i>	<i>Sex.</i>	<i>Locality.</i>	<i>Collector.</i>	<i>Donor.</i>
	2039✓				Smith, Molt,



*Hyla versicolor* Le Conte.  
Common Tree Toad.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
2050 ✓	<del>2051</del> ✓		Kansas Carlisle Penna	Wm Cooper S. P. Baird	Smith, Inst. " "

She  
(Kalm) Cope.  
SUB-ORDER RANIFORMIA.  
Family RANIDÆ: (Frogs)  
*Rana halecina halecina*, Latr. Gold-striped Frog; Shad Frog.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	<del>6</del>	♀	Wash. D.C.	Wm. G. Schaphire	U.S.A.

*Rana halecina* *berlandieri* (Baird) Cope.  
Western Leopard Frog.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.



*Rana palustris*, Le Conte. Yellow-legged Frog; Marsh Frog.

Pickens Frog.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
1107 ✓	884 ✓ <del>1940</del> ✓		Penna.		Purchased, Wm. F. Schaphiro U.S.A. Smith Inst.

*Rana clamitans* Merrem.  
Green Frog Spring Frog.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.

*Rana catesbeiana* Shaw.  
Bull Frog

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	<del>60</del> ✓ 1923 ✓	♀	Carlisle Penna	Wm. F. Schaphiro U.S.A. S. F. Baird	Smith Inst.

*Rana temporaria sylvatica* (Des) Cope  
Swamp Frog

Date Feb 78	<del>2207</del> ✓	Camp Survey 2nd Jy	Apt. Surg J. D. Hall U.S.A.
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Rana punctiosa Baird.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	2180 ✓		South. Calif.		Smith Inst.

CLASS REPTILIA.

The Order Ophidia.

SUB-ORDER SOLENOGLYPHA.

Family CROTALIDÆ: (Rattlesnakes, etc.)

Crotalus horridus, Linn. Banded Rattlesnake; Northern Rattlesnake.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
545 ✓ <del>615 ✓</del>	1968 ✓		Kansas	W. S. Wood	Purchased " Smith Inst.

Crotalus adamanteus adamanteus (Beauv.),  
Diamond Rattlesnake.

Cope.

Cran.	Skel.	Sex.	Locality.	Date	Collector.	Donor.
	700 ✓ <del>1966 ✓</del>		Fort Griffin Tex. 1868 Michigan Florida		Dr. H. M. El derry W. A. Mr Bean	Smith Inst.
<del>1582 ✓</del> 2214 ✓	2465		Fl. Davis Texas	Aug 78	Wm. A. S. Buffington W. A. Hosp. St. Van Montpel W. A.	
			Florida		Mr James Bell	



*Crotalus adamanteus atrox* (Bd. and Gird.)

Cope.

Sonora Rattlesnake

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
993 ✓			Ft Whipple Ariz	Wm Edw. Palmer	usa
<del>1457</del> ✓			Indian Territory	Hosp. Steu S. Kitchen	usa.
	<del>1458</del> ✓		" "	" "	" "
	1979 ✓		Lower Rio Grande	J.H. Clark.	Smith. Inst.

*Crotalus lucifer* Baird & Girard.  
California Rattlesnake

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	2174 ✓		California		Smithsonian Inst.

*Crotalus confluens* Say.  
Common Western Rattlesnake

Cran.	Skel.	Sex.	Locality. Wm	Collector.	Donor.
	<del>1980</del> ✓		New Mexico	C.G. Wherry.	Smith. Inst.
<del>2043</del> ✓			Pole Creek Neb.	W.S. Wood.	" "

*Crotalus molossus*. Bd. & Gird.  
Rattlesnake

2211 ✓			Fl. Davis Tex July 1875	Hosp. Steu Wm mantelpiece	usa.
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*Candisna miliana* Linn.

Sand Ratter, Small spotted Rattlesnake

Put in reg  
sequence

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
1952 ✓	<del>1953</del> ✓		Florida		W. W. G. Spencer
<del>1953</del> ✓	1978 ✓		"		" " " " "
			Prineville Range Louisiana		" " " " " Smith, Inst.

*Candisna tingenia* Say.

Black Rattlesnake Prairie Rattlesnake,  
Massachusetts.

Cran.	Skel.	Sex.	Locality.	Date	Collector.	Donor.
<del>2215</del> ✓	1992 ✓		Central Illinois		R. Kennel	Smith, Inst.
			Fl. Davis Tex	July 78	Wash. Ste. Van Mantrop	Smith, Inst.

*Ancistrodon piscivorus piscivorus* (Lac.) Cope  
Water Moecasin

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	1925 ✓		<del>Prineville</del> Florida	W. J. Jeffery	Smith, Inst.



Ancistrodon contortrix, Bd. and Gird. Copper-head;  
Moccasin.

Cran.	Skel.	Sex.	Locality.	Date	Collector.	Donor.
	<del>1003</del> ✓		Virginia		Wm. E. M. Schaeffer	W. A.
	1959 ✓		Indiana			Smith. Inst.
<del>2211</del>			Fort Davis Texas.	July 1878	J. H. S. Van Montpel	W. A.
2212 ✓						
<del>2213</del>						
			"	"	Thorp. Stueb von Montpel	W. A.

She  
SUB-ORDER PROTEROGLYPHA.  
Family ELAPIDÆ: (Vipers.) Cope  
Elaps fulvus fulvus (Linn.), Bd. and Gird. Harlequin  
Snake. Bead snake

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	<del>90</del> ✓			Wm Perry	W. A.
1319 ✓				Thorp. Stueb Kennedy	W. A.
<del>1581</del> ✓				W. A. S. Buffington	W. A.

Elaps fulvus tener (Baird & Girard) Cope  
Harlequin snake

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	1956 ✓		Florida		Wm. W. G. Spencer
	<del>1972</del> ✓		Matamoros	Couch & Schott	Smith Inst.
<del>1976</del> ✓			"	" " "	" "



the  
SUB-ORDER **ASINEA**.  
Family COLUBRIDÆ (Colubrine Serpents.)

*Carphophiops helena* Kennicott.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	<del>1941</del> ✓		S. Illinois	R Kennicott	Smith Inst.

*Carphophiops amoenus*, Say. Red Snake.

Ground Snake  
Worm Snake.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
<del>859</del> ✓	<del>94</del> ✓ 2029 ✓		Mr. Vernon Pa	S. F. Baird	Wm Perry U.S.A. Wm. B. Schaphius U.S.A. Smith Inst.

*Haldea striatula* Linn  
Brown Snake

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	<del>1985</del> ✓		Gilmer Texas	J. M. Alaux	Smith. Inst.



# Tantilla gracilis Baird & Girard

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	<del>2036</del> ✓		Indianola Tex	Capt. Pope	Smith. Inst.

## Tantilla nigriceps, Kenn.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	1020 ✓			Wm. W. E. Whitehead	USA

# Farancia abacura Holbrook.

## Red bellied Horn Snake

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
<del>2041</del> ✓	1946 ✓		Florida New Bern N.C.		Wm. W. G. Spencer Smith Inst.



*Contia mitis* Baird & Girard.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.

*Amophora coccinea* Blumenbach.  
Scarlet-Snake

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	2038 ✓		South State		Smith Inst.

*Rhinichilus lecontei* Baird & Girard.  
De Conte's Snake

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	<del>1733</del> ✓		1874 Camp Lowell Ariz.		Wm. J. B. Girard U.S.A.
	1963 ✓		Pecos River Tex as.	Dr Hermann	Smith, Inst.



Cope

*Ophibolus doliatus coccineus* (Schlegel)  
Ring Snake

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	<del>1945</del> ✓				Smith, Inst.

*Ophibolus doliatus gentilis* (Linn.) (Bd. and Grd.) Cope.

King Snake

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
1091 ✓ ↓	<del>83</del> ✓				Hosp. Steen Wafeman <sup>W.A.</sup> Dr Perry <sup>W.A.</sup>

*Ophibolus doliatus doliatus* (Linn.) Cope.

Red Snake Corn Snake

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	1038 ✓				Thos. C. Wams.



*Ophibolus doliaatus triangulus* (Boie) Cope

Milk Snake, Storse Snake, Spotted Adder  
 under & lightning snake chicken snake

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	<del>1961</del> ✓		Westport N.Y.		Smith Inst.

Cope.

*Ophibolus getulus boylii* (Linn.) (Bd. and Grd.) Boyle's  
 Chain Snake.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	<del>994</del> ✓		St. Whipple Ariz.	Dr. Edward Palmer	Smith Inst.
	2012 ✓		La Barb. Calif.	H. W. Henshaw	Smith Inst.
2021 ✓			"	" " "	" "

Cope.

*Ophibolus getulus sayi* (Holbrook.) Say's Chain Snake.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
<del>1090</del> ✓			Calcasieu Pass		Hosp. Steen Waterman
	1974 ✓		Louisiana	G. W. Wurdeman	Smith Inst.



Cope.

Ophibolus getulus getulus (Linn.), ~~Bd. and Col.~~ Thunder  
Snake; King Snake.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	<del>701</del> ✓		Florida		Wm. W. G. Spencer <sup>USA</sup>
	1947 ✓		Fort Sniffin Tex. 1868	Wm. J. H. Mc Elderry	<sup>USA</sup>
	<del>1984</del> ✓		Kinston N.C.	J. W. Milner	Smith. Inst.

Ophibolus polyzonus

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	2018 ✓		Mirador Mex	Wm C. Sartorius	Smith. Inst.

Cope.

Diadophis punctatus punctatus (Linn.), ~~Bd. and Col.~~  
Ring-necked Snake.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	706 ✓		St. Richardson Texas 1868		Dr. B. B. Miles <sup>USA</sup>
	<del>891</del> ✓		Wash. D.C.	J. B. S. St. E. F. Schaffner	<sup>USA</sup>
<del>1414</del> ✓			French Creek Pa	" " C. Bock	<sup>USA</sup>
	<del>2014</del> ✓				Smith. Inst



Diadophis punctatus amabilis (Linn.) (Bd. and Grd.) Cope.

Ring-necked Snake

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	851 ✓		Fort M <sup>c</sup> Rae Ariz. <sup>1869</sup>	W. W. B. Sym.	U.S. Nat. Mus.
	<del>1970</del> ✓		Brazos R. Texas	W. S. Shumard	Smith Inst.

Hypsiglena ochrorhyncha Cope.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	2044 ✓		Cape St Lucas Cal.	J. Xantus	Smith, Inst.

Sibon annulatum septentrionale (Kennicott) <sup>Cope</sup>

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	1964 ✓		Brownsville Texas	Capt. S. Van Rhee	Smith Inst.



*Phimothys grahamiae* Baird & Girard.  
Graham's Snake.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	1942 ✓		Pecos River Texas	Capt. Pope.	Smith, Inst.

*Cyclophis vernalis*, De Kay. Green Snake.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
<del>548</del> ✓					Purchased
	<del>590</del> ✓		Wash. D.C.	A. J. Schaphius - Esq.	
1231 ✓				Wm. J. H. P. King W.D.A.	
	<del>2025</del> ✓		North Illinois	R. Kennicott	Smith, Inst.

*Cyclophis aestivus* Linn.  
Green Snake

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	1971 ✓		Wash. D.C.	Wm E. Cones	Smith, Inst.
1975 ✓			St. Louis Mo.	Wm Englemann	" "



*Coluber emoryi* Baird & Girard.  
Emory's Snake

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	<del>1089</del> ✓				Hosk. Sten. C. Wademan
	1969 ✓		Fort Mc Kavit Tex as	W. Anderson	Smith. Inst.

*Coluber vulpinus*, Bd. and Grd. Fox Snake.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	743 ✓		1868 Pt. Richardson Texas	Wm B. B. Miles	Smith Inst.
	<del>1931</del> ✓		St. Carlos	Dr. Carpenter	Smith. Inst.

*Coluber quadrivittatus* Holbrook.  
Chicken Snake,

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	<del>1958</del> ✓		Kinston N.C.	J. W. Milner.	Smith Inst.
	2010 ✓		Florida	G. B. Gude	" "



*Coluber obsoletus obsoletus* (Say), ~~Linn.~~ <sup>Cope</sup> Pilot Black Snake; Racer.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	<del>1018</del> ✓ 2017 ✓				Purchased Smith. Inst.

*Coluber obsoletus confinis* (Say) (Bd. and Grd.) <sup>Cope</sup>

Pilot-Snake, Racer

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	<del>1087</del> ✓ <del>1928</del> ✓		Soc. Hill, S.C	M. a. Curtis	Wash. Steu. C. Walteman Smith. Inst.

*Coluber guttatus*, Linn. Chicken Snake.

Spotted Racer

Cran.	Skel.	Sex.	Locality.	Date	Collector.	Donor.
	<del>1283</del> ✓ 1948 ✓ <del>2011</del> ✓		Wilmington N.C	1873		Wm. H. W. Sawtelle
			Florida			Wm. W. G. Spencer <sup>USA</sup>
			Rock Isl. Illinois		J. W. Sargent	Smith. Inst.
2216 ✓			Gr. Davis Is. July 78		Wash. Steu.	Vm Mantingul <sup>USA</sup>



*Spilotes erbenus* Cope.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.

*Pityophis sayi sayi* (Schlegel) Cope.  
Pine Snake. King Snake

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	1988 ✓		S. fork Humb. Riv.		Smith Inst

*Pityophis sayi mexicanus*, Dum. and Bib. Gopher Snake.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	1221 ✓			Wm. J. B. P. King & a	
1222 ✓				" " " "	
	<del>1987</del> ✓		P. White Arizona	W. Palmer	Smith. Inst.



Cope.

Pityophis sayi bellona Bd. and Grd. Bull Snake.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
980 ✓	<del>1223</del> ✓		St. Whipple Ariz		Wm E. Palmer U.S.A
	1536 ✓		Colorado	Wm. J. H. Gannan	Wm. J. H. P. King U.S.A
	<del>1999</del> ✓		Rio Grande.	Wm Woodhouse	Dr. G. M. Wheeler.
<del>2047</del> ✓			Puget Sound Oregon		Smith, M.C.
					" "

Pityophis catenifer Blainville.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.

Bascanium constrictor (Linn.), Bd. and Grd. Black Snake. Chas. C.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	53 ✓		1865		Wm. J. J. Woodward U.S.A



(Catesby) Cope.  
*Bascanium flagelliforme flagelliforme*  
 Whip Snake Coach Whip Snake

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
1917 1944 H H H			Pensacola Florida	W. D. Jeffreys	Smith. Inst.

*Bascanium flagelliforme testaceum* (Say.), ~~Ba. and Gr.~~ Cope.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
702 ✓			St. Richardson Texas 1868		Wm. B. B. Miles U.S.A.
<del>982</del> ✓	<del>1759</del> ✓		Ft. Whipple Ariz		Wm. Edu. Palmer U.S.A.
	<del>2031</del> ✓		Indian Territory		Wash. Steen. Skelchug
	1991 ✓		Rio Grande	Wm. Kennenley	Smithson Inst.
			Castanuelas N.E.	Dr. Couch	" "

*Bascanium tæniatum laterale* (Hall.) Cope.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	<del>1530</del> ✓		New Mexico	Wm. C. G. Steenbury	Eph. W. G. M.
1917			Florida		Smith. Inst.
	1951 ✓		"		Wm. W. G. Spencer U.S.A.



Bascanium tæniatum tæniatum, (Hall.) Cope.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	<del>1529</del> ✓		Arizona	J. W. Henshaw	Ep. W. J. M.
	1934 ✓		Salt Lake Utah	J. S. Bowman	Smith. Inst.

Eutænia saurita Linn., Bl. and Girard. Ribbon Snake.

Striped Garter Snake

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	<del>705</del> ✓		Fr. Richardson Texas	W. B. Miles	W. B. Miles U.S.A.
	2002 ✓		Grosse Isle Mich.	Mr Fox	Smith. Inst.

Eutænia faireyi, Bd. and Gird. Fairie's Garter Snake.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
<del>995</del> ✓					unknown
	1088 ✓				W. B. Miles
	<del>2008</del> ✓		New Orleans La.	H. S. H. Stearns	C. Wateman Smith. Inst.



Eutaenia proxima Say.  
Say's Garter Snake

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	1994 ✓		<del>Salt Lake Utah</del> <del>Couderc</del> Brownsville Tex	<del>W. H. C. Harnum</del> S. C. Couch	Smith, Inst.

Eutaenia radix Baird + Girard.  
Hoy's Garter Snake

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	<del>2022</del> ✓		Low Creek Utah	W. H. C. Harnum	Smith Inst.
	<del>2023</del> ✓		" " "	" "	" "

Eutaenia radix ~~Winnings~~ C. & M.  
~~Garter Snake~~

2173 ✓			Moose River Mont	W. C. Cress	Smith Inst.
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Eutaenia macrostemma megalops (Kenn) Cope.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	1973 ✓		Ft. Whipple Ariz	W. C. Palmer	Smith Inst.



*Eutænia marciana*, Bd. and Gird. Marcy's Garter Snake.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
<del>547</del> ✓	<del>84</del> ✓				Dr Perry U.S.A.
<del>1233</del> ✓					Purchased
<del>2048</del> ✓	2013 ✓		Epia Mexico Eagle Pass Texas	W. H. Kummerley	Wm. J. H. P. King U.S.A. Smith. Inst. " "

*Eutænia vagrans vagrans* (Bd. and Gird.) <sup>Cope</sup> Common Western  
Garter Snake.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	<del>1527</del> ✓		Pinns Utah 1872	Wm. J. H. C. Gann <sup>U.S.A.</sup>	Ep. West f 100 m
1528 ✓			" 1872	" "	" " "
<del>2024</del> ✓			Nebraska	Wm. F. V. Hayden	Smith Inst.
<del>2026</del> ✓			Yellowstone Riv.	Wm. F. V. Hayden	" "

*Eutænia elegans*, Bd. and Gird.

*Elegant Garter Snake.*

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	1229 ✓				Wm. J. H. P. King U.S.A.



# Eutaenia ornata Baird

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	1998 ✓		Prov. Utah 1872	Dr J. C. Gann	Smith. Inst.
	<del>2027</del> ✓		Rep. Riv.	Dr Hammond	" "

Cope

Eutaenia sirtalis dorsalis (Bd. and Gird.) Eastern Garter Snake.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
1318 ✓	85 ✓		Wash. W.C.	Dr. Perry U.S.A.	
	1933 ✓		Helms Mich.	W. F. Schaphius U.S.A.	Smith Inst.
				S. F. Baird	

Cope.

Eutaenia sirtalis ordinata (Linn.), Bd. and Gird.

## Garter Snake Striped Snake Grass Snake

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	<del>1230</del> ✓			Wm. J. H. P. King U.S.A.	
<del>1533</del> ✓			Wash. W.C.	Wm. J. H. P. King U.S.A.	Smith. Inst.
	<del>1936</del> ✓				
	2176 ✓		St. Simon's Is. Gu.		" "



*Eutænia sirtalis sirtalis* (Linn.), ~~Ed. and Girard~~ Cope

Common Garter Snake Striped Snake

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	<del>42</del> ✓				W. A. M. Squire
546 ✓					Purchased
	<del>1227</del> ✓				Wm. J. H. P. King
<del>1228</del> ✓			Racine Wisconsin	S. F. Baird	" Smith " Mot.
2007 ✓	2001 ✓		Pensacola Florida		" "

*Eutænia sirtalis parietalis* (Linn.) (Say) Cope.

Western Garter Snake

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	911 ✓				Wm. A. E. Whitehead

*Eutænia sirtalis obscura* (Linn.) Cope  
Washed Garter Snake - Black Back Garter

~~1898~~ ✓ Indian Terr. Josh Stee Kitching

*Eutænia sirtalis pickeringii* (Baird & Girard) Cope  
Pickering's Garter Snake

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	<del>2030</del> ✓		Texas		Smith, Mot.



*Eutaenia cooperii* Kennicott.  
Coopers Garter Snake.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	1939 ✓		Ft. Steilacoom W. T.	Dr Cooper	Smith Inst.

*Storeria occipitomaculata* Storer.  
Red-bellied Snake

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	<del>1989</del> ✓		St. Louis Mo.	Dr Engelman	Smith Inst.

*Storeria dekayi* Holbrook.  
De Kay's Brown Snake

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	2033 ✓		St. Louis Mo.	Dr Engelman	Smith Inst.
<del>2053</del> ✓			Madison Ohio		" "



Tropidonotus grahamii, Bd. and Gird. Graham's Water Snake.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	858 ✓		Gen. R. M. 1869		Wm. W. B. Lyon U.S.A.
	<del>1982</del> ✓		Northfield Ill.	R. Kennicott	Smith Inst

Tropidonotus leberis / Linn. f. ~~Bl. and Gird.~~ Yellow-bellied Snake.

Leather Snake

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	<del>598</del> ✓				Purchased
	1997 ✓		Penna,	S. F. Baird	Smith, Inst,
<del>2034</del> ✓			Carlisle "	" " "	" "

Tropidonotus fasciatus Linn.  
Banded water Snake Pig Snake,

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	1950 ✓		Florida		Wm. W. G. Spencer U.S.A.
	<del>1962</del> ✓		North Carolina	H. W. Welch	Smith Inst
	1977 ✓		" "	" " "	" "



*Tropidonotus sipedon sipedon* (Linn.), ~~Bd. and Gird.~~  
Water Snake.

Cope.

water addn - water moccasins

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
629 ✓	<del>830</del> ✓ 1558 ✓		St. Clark Texas 1849 Florida rr		Wm W. Jackson U.S.A. Purchased. Wm W. Jackson U.S.A. Wm W. G. Spencer U.S.A.
1949 ✓					

*Tropidonotus sipedon woodhousei* (Linn.), ~~Bd. and Gird.~~  
Woodhouse's Snake.

Cope

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	<del>1214</del> ✓		Wash. D.C.		Wm G. Schapher U.S.A.

*Tropidonotus sipedon erythrogaster* (Shaw) Cope  
Red-bellied water snake.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	2006 ✓		Salt Creek Ky.	Wm S. Shumard	Smith. Inst.



Latreille.

Heterodon platyrhinus (Latreille), Bd. and Girard. Western Sand Viper.

Blowing Viper - adder Hog nose Snake

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	703 ✓ <del>1086</del> ✓		St. Richardson Texas <sup>1928</sup>		Wm. B. B. Miles U.S.A.
1916 ✓			Virginia		J. H. S. Sten C. Wateman U.S.A.
1954 ✓			Florida		E. B. Schaphorst
<del>1957</del> ✓			"		Wm. W. G. Spencer U.S.A. " "

Heterodon platyrhinus atrovires (Baird & Girard) <sup>Cope.</sup>  
Hog nose Snake - Spreading adder.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	<del>1926</del> ✓				Smith. Inst.

Heterodon platyrhinus niger (Baird & Girard) <sup>Gann.</sup>  
Black Viper - Black adder

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	2016 ✓				Smith. Inst.



Heterodon simus simus (Linn.) Cope  
Hog nosed Snake

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
<del>1583</del> ✓				Wra. L. Buffington	Wra.
	1587 ✓			" "	" "
	<del>2178</del> ✓		North Alabama		Smith, Inst.?

Heterodon simus nasicus, (Bd. and Gird.) Hog-nosed  
Snake; Sand Viper.

Cope.

Western Spreading Adder.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	<del>768</del>		St. Richardson Texas	Wra. B. B. Miles	Wra.
1226 ✓			Indian Territory	Wra. J. H. P. King	Wra.
	<del>1760</del> ✓		Sand Hills	Wra. S. W. Hayden	Smith, Inst.
2000 ✓			St. Kearney Texas	Capt. Simpson	" "
	1986 ✓				

ORDER Lacertilia.

(The Lizards)  
Suborder Ophrosauri  
Family Amphisbaenidae  
Rhineura floridana Cope.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	1910 ✓		Florida	Wra. Bean	Smith, Inst.
	<del>1995</del> ✓		"	" "	" "



Under Pleurodonta  
 sub. order Septoglossa  
 Family Scincidae. (The Skinks)  
Oligosoma laterale Say.  
 Ground Lizard

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.

*Eumeces obsoletus*, Bd. and Gir. Pale Lizard.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
<del>1103</del> ✓	<del>962</del> ✓				Unknown Wm. B. B. Miles L.A.

*Eumeces guttulatus*, Hallowell. Spotted Lizard or Skink.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
<del>998</del> ✓					Unknown
<del>999</del> ✓					"

Eumeces skiltonianus Bd & Gir  
 Skilton's Skink  
 South. California

2181 ✓

Smithsonian Inst.  
 180







Family HELODERMIDÆ.  
Heloderma suspectum, Cope. Gila Monster.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	<del>166</del> ✓ 1736 ✓ 2243		Arizona Fort Grant Arizona		Purchased Dr. J. S. Reagles U.S.A. Capt. C. H. Campbell U.S.A.

Sub-order Iguania.

Cope.

Family IGUANIDÆ: Iguanas.  
Holbrookia maculata maculata (Girard.) Prairie Lizard.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	<del>684</del> ✓				Dr. J. S. Reagles U.S.A.
<del>1004</del> ✓ <del>1005</del> ✓			Gr. Whipple Ariz. " " "	Dr. E. Palmer U.S.A. " " "	

Sauromalus ater Dumeril.  
Big bellied Lizard.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
<del>1753</del> ✓ 1921 ✓	1909 ✓		Gila River Sonora Angel Island Gulf of Calif.		Smithsonian Inst. " " Mr. Thos. H. Streets U.S.A.



Crotaphytus collaris, Say. Ring-necked or Collared Lizard.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
<del>803</del> ✓	<del>742</del> ✓		Fl. Guffin Texas	Wm. McElroy	U.S.A.
	1911 ✓		1868	"	"
	<del>1927</del> ✓		Kansas	H.B. Mollhausen	Smith. Inst.
1584 ✓			Red Riv. Ark.	Capt. Marcy	"
1585 ✓				Wm. A.L. Buffington	U.S.A.

Crotaphytus wislizenii Baird & Girard  
Wislizenus' Lizard.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
<del>1930</del> ✓	1905 ✓		Ariz.	Dr J.E. Tanner	Smith. Inst.
2015 ✓					"

Wiscorhinus dorsalis Bd & Gr.  
| ~~1904~~ ✓ | Cape St. Lucas Calif. | Smith. Inst.

Uta stansburiana Baird & Girard.  
Stansbury's Lizard

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
2035 ✓					Smith. Inst.



Sceloporus poinsettii Baird & Girard  
Poinsett's Lizard

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
2040	<del>2040</del> ✓		Cadenita Ariz. Sec.	Dr. Conch	Smith. Inst.

Sceloporus undulatus undulatus, (Harlan.) Common  
Lizard; Brown Swift.

Cope.

Pine Tree Swiper.

Pine Lizard.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	86 ✓				Wm Perry W. S. A.
88 ✓					" " "
<del>89</del> ✓					" " "
<del>539</del> ✓					Purchased
540 ✓					"

Sceloporus consobrinus, Bd. and Girard. Western Lizard.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
<del>1540</del> ✓			Colorado 1874	C. E. Aiken	Eph. West. of Lou. Mo.
1967 ✓			New Mexico 1874	W. H. C. Tanner	Smith, Inst.



Sceloporus spinosus, Wiegmann. Western Spiny Lizard.

ey

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
1442 ✓	1104 ✓ <del>1929</del> ✓		Matamoros	Hugh. Stear. C. Watman Wm. W. E. Day Dr. Couch.	Smithsonian Inst.

Sceloporus clarkii clarkii (Baird & Girard) Cope  
Clark's Lizard.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
2175 ✓			Matamoros Mex.		Smithsonian Inst.

Phrynosoma modestum Girard.  
Horned Toad.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
<del>1566</del> ✓ 2032 ✓	1565 ✓		Castanuelas N.L.	Dr. Couch	Smithsonian Inst.
Phrynosoma hernandezii, Girard.					
<del>2218</del> 2219	2217		Fort Davis Texas		Stearns, Stead F. & Mantel
			" " "		" " "
			" " "		" " 185



# Phrynosoma platyrhinum Girard. Horned Lizard

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	1563 ✓			Smithson Inst.	
<del>1564</del> ✓	<del>2045</del> ✓		St. Lucas Calif	" "	" "
<del>1912</del> ✓			Utah	" "	" "

Phrynosoma maccallii, Hallowell. MacCall's Horned Lizard.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
<del>1555</del>	1555 ✓		Arizona	G. Thompson, Dr H. C. Yarrow	
			"	" "	" " "

Phrynosoma regale, Girard. Regal Horned Lizard.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
<del>1534</del>	1534 ✓		Arizona	H. W. Henshaw, Dr. H. C. Yarrow	
			"	" "	" "



*Phrynosoma cornutum*, Harlan. *Horned Lizard.*

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
538 ✓	<del>82</del> ✓ 1983 ✓				Wm Perry U.S.A. Purchased. Smith Inst.

*Phrynosoma douglassii douglassii*, (Bell.) *Douglass's Horned Lizard.*

Cope.

Horned Toad

Texas in

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
1443 ✓ 1913 ✓ <del>2020</del> ✓	1399 ✓		Utah  Kansas	Wm. H. C. Gannan  Wm. W. E. Way U.S.A.	Smith Inst. " "
1903 ✓	<del>1562</del> ✓		<i>Phrynosoma a blainvilliei</i> Gray <i>Blainvilliei</i> Horned Lizard, California		Smith. Inst. " "

*Phrynosoma coronatum* Blainville  
California Horned Toad.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
1561 ✓	<del>1559</del> ✓ 1965 ✓		California	Wm. J. G. Cooper	Smithsonian Inst. " "



Family Anolidæ  
 Anolis principalis Linn.  
 Chameleon Green lizard.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
<del>1914</del> ✓	2042 ✓		Entan Alabama Louisiana	Prof Winchell	Smith 2101, " "

ORDER Testudinata: Shield Reptiles.

SUB-ORDER CRYPTODIRA.

Family CHELONIDÆ: Sea Turtles.

Thalassochelys caonana, Linn. Hawksbill Turtle.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
528 ✓					Purchased
529 ✓					"
<del>577</del> ✓					Geo. W. Driver
<del>675</del> ✓					Hosh. Sten, R. Williams <sup>Wash</sup>
<del>1919</del> ✓					Mr Jas. Pierce

Chelonia mydas, Schw. Green Turtle.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
530 ✓					Purchased
<del>682</del> ✓					Hosh. Sten, R. Williams <sup>Wash</sup>
789 ✓					Mr. Johnson Elmer
<del>2458</del>			Chelonia Caretta Wash. D.C.	Gm. Geo. W. Driver.	



Family CHELYDRIDÆ.  
Chelydra serpentina, Linn. Snapping Turtle.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
531 ✓	49 ✓				Purchased
843 ✓					"
<del>847</del> ✓					Mr. Chas Johnson
					" " "

Family CINOSTERNIDÆ.  
Cinosternum pennsylvanicum pennsylvanicum, (Bosc.) Cope.  
Mud Turtle.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
666 ✓					Mr. C. Wray
<del>667</del> ✓					" "
<del>668</del> ✓					" "
669 ✓	674 ✓				" "
					Purchased,

Family EMYDIDÆ: Tortoises.  
Pseudemys rugosa, Shaw. Red-bellied Terrapin.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	9 ✓				Purchased
652 ✓					"
653 ✓					"
<del>654</del> ✓					"
<del>655</del> ✓					"



Pseudemys concinna, Le Conte.

Elegant Terrapin

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	<del>1252</del> ✓				Purchased

Pseudemys scabra, Linn.

Rough Terrapin

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
533 ✓					Purchased

Duplicate  
See next  
page 3

Malacoclemmys

palustris Gmelin

Salt Marsh Turtle Diamond Back.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
532 ✓	154 ✓				Purchased



*Chrysemys picta*, Herp. <sup>m</sup> Painted ~~Turtle~~

*Tortoise*

<i>Cran.</i>	<i>Skel.</i>	<i>Sex.</i>	<i>Locality.</i>	<i>Collector.</i>	<i>Donor.</i>
534 ✓					Purchased
<del>535</del> ✓	1019 ✓				" Purchased

*Chelopus guttatus*, Schneider. Yellow-Spotted Turtle.

<i>Cran.</i>	<i>Skel.</i>	<i>Sex.</i>	<i>Locality.</i>	<i>Collector.</i>	<i>Donor.</i>
	172 ✓				Purchased

*Chelopus insculptus*, Le Conte. Wood Terrapin.

*Wood Tortoise*

<i>Cran.</i>	<i>Skel.</i>	<i>Sex.</i>	<i>Locality.</i>	<i>Collector.</i>	<i>Donor.</i>
533 ✓					Purchased



Cope.

Cistudo clausa clausa, (Gmelin.) Common Land Turtle;  
Box Tortoise.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
536 ✓ <del>537</del> ✓	2 ✓				Purchased " "

ORDER Crocodilia.  
Family Crocodylidae.  
Alligator mississippiensis, Daud. Common Alligator.

Cran.	Skel.	Sex.	Locality. 1868	Collector.	Donor.
1576 ✓ <del>1938</del> ✓ <del>2242</del>	819 ✓ 1185 ✓		Jacksonville Fla  Florida	Wm. J. Anderson-Wad Wm. E. Edmonstone E. J. Parker. Smith Inst. Dr. J. McConnell	

Family Testudinidae  
Testudo carolina Linna.  
Gopher.

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	1580 ✓			A.A. Sney. A.L. Buppington	



Miscellaneous specimens from Reptiles 52  
 Class Reptilia  
 Order Uroelidia  
 Suborder Asina  
 Fam. Colubridae  
Eutania dorsalis (B. & S.) Cope  
 Eastern Garter Snake

No.	Object.	Sex.	Locality.	Collector.	Donor.
87	Oviduct with 18 embryos		Wash. D.C.	A.A. Sney, F. Schapher-W. A.	

Tropidonotus sipedon sipedon (L.) Cope  
 Water Snake - Water add - Water Moccasin

No.	Object.	Sex.	Locality.	Collector.	Donor.
1225	Oviduct with 18 oviduct em. embryos.		Wash. D.C.	A.A. Sney, F. Schapher-W. A.	

Class Lacertilia.  
 Order Iguania  
 Fam. Iguanidae  
Phrynosoma macleayi Girard.  
 Rigid Horned Lizard

No.	Object.	Sex.	Locality.	Collector.	Donor.
1535	Embryos from Uta stansburiana			A.A. Sney, F. Schapher-W. A.	



Phrynosoma <sup>cornutum.</sup> ~~blainii~~ Blain.  
Crowned Horned Lizard

No.	Object.	Sex.	Locality.	Collector.	Donor.
1560	Oviducts mit 6 ova			A. A. Sney, F. Schapher.	

Phrynosoma ?

No.	Object.	Sex.	Locality.	Collector.	Donor.
1590	Eggs -			A. A. Sney, W. S. Smart, U.S.A.	

Fam. Crocodilia  
Alligator mississippiensis Waudr  
Alligator

No.	Object.	Sex.	Locality.	Collector.	Donor.
820	Generative organs -				Purchased
821	Lung				"
1187	Lung Pharynx & intestine			A. A. Sney, F. Schapher.	



Order Testudinata  
 Sub-order Cryptodira  
 Fam Chelydridae  
Chelydra serpentina Lin.  
 Snapping Turtle

No.	Object.	Sex.	Locality.	Collector.	Donor.
844	Os hyoideum			A.A. Sarg.	F. Schapher: W.A.

Family Emydidae  
~~Chrysemys picta~~ Stern.  
Pseudemys picta  
 Painted Turtle

No.	Object.	Sex.	Locality.	Collector.	Donor.
96	Emys.			A.A. Sarg.	F. Schapher: W.A.

No.	Object.	Sex.	Locality.	Collector.	Donor.



LIST OF CRANIA AND SKELETONS OF FOREIGN REPTILES.

CLASS **REPTILIA.**  
ORDER **Ophidia.**  
SUB-ORDER **ASINEA.**  
Family BOIDE: *Boas.*  
*Boa constrictor*, Linn. *Boa.*

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
542					
543					
544					

**Lacertilia.**  
ORDER **PLEURODONTA.**  
Family IGUANIDÆ: *Iguanas.*  
*Metapocerus cornutus*, Wagler. *South American Lizard.*

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	44 1367		Guanacaste South America		Wm. J. S. Billings USA to E. Cones USA
<del>1900</del>	<del>1907</del>		<u><i>Iguania rhinolophu</i> Wiegman</u> Colima Mexico Tehuacan		Smith, Donk. " "

*Iguana tuberculata*, Wagler. *Banded Iguana.*

Cran.	Skel.	Sex.	Locality.	Collector.	Donor.
	1444				Unknown
	<del>1175</del>		<u><i>Iguana</i></u> Mexico 1872	Mr J. A. Skillen	



Miscellaneous specimen from foreign  
Reptiles -

Class Reptilia

Order Ophidia

Sub-order Asinea

Family Boidae

Bon enstrictus Lin

Bra - Ananda

No	Object	Sex	Locality	Coll	Owner
1182	Orae				Smith Inst.

Lautilia

Order Placodonta

Family Iguanidae

Iguana ?

No	Object	Sex	Locality	Coll	Owner
1183	Colinguan		Mexico 1872		J. A. Skiller Esq.



Miscellaneous Specimens  
of <sup>and</sup> from  
Reptiles

No.

- |                 |  |
|-----------------|--|
| 87              | ✓ Oviduct with eighteen embryos of eastern garter snake ( <i>Eutania</i> <i>Sirtalis dorsalis</i> ). Presented by Dr. F. Schaffhirt. |
| 96              | ✓ Lungs of painted tortoise ( <i>Chrysemys picta</i> ). Presented by Dr. F. Schaffhirt.  |
| 820             | ✓ Generative organs of an alligator ( <i>Alligator mississippiensis</i> ). Purchased.  |
| 821             | ✓ Larynx of an alligator ( <i>Alligator mississippiensis</i> ). Purchased.   |
| 844             | ✓ Os hyoideum of a snapping turtle ( <i>Chelydra serpentina</i> ). Presented by Dr. F. Schaffhirt.                                   |
| <del>1028</del> | <del>Entozoa found in a toad. Presented by Acting Assistant Surgeon E. Palmer, M.D.</del>  |
| 1031            | Entozoa found in a rattlesnake ( <i>Crotalus horridus</i> ). Presented by Act. Asst. Surg. E. Palmer, M.D.                           |
| 1182            | ✓ Ora of an anaconda ( <i>Boa constrictor</i> ). Received in exchange from the Smithsonian Institution.                              |
| 1183            | ✓ Os linguae of iguana ( ) Presented by Mr. J. A. Killow.  |



- No.
- 1186 Entozoa from intestines of an alligator (*alligator lucine*). Presented by Dr F. Schaffhirt.
1187. Larynx, pharynx and tongue of an alligator (*alligator mississippiensis*). Presented by Dr F. Schaffhirt.
- 1188 Taenia from a gold striped frog (*rana halicina*). Presented by Dr J. C. McConnell.
- 1225 Oviduct with eighteen ova containing embryos of water snake (*tropidonotus sipedon*). Presented by Dr F. Schaffhirt.
- 1535 Entozoa from thoracic cavity of regal horned lizard (*phrynosoma regale*). Presented by Dr F. Schaffhirt.
- 1560 Oviduct with six ova of a crowned horned lizard: (*phrynosoma coronatum*). Presented by Dr F. Schaffhirt.
- 1590 Eggs of *phrynosoma*. Presented by Acting Assistant Surgeon D. S. Smart.
- ~~1932~~ Entozoa found in abdominal cavity of eastern garter snake (*eutaenia sirtalis dorsalis*). Presented by Dr F. Schaffhirt.
- 2387 Deformed shell of a young water turtle. Presented by Dr W. S. Hoffman.



# Classification of Specimens.

- A. General and Regional Anatomy, Physiology and Pathology.
- |                  |                         |
|------------------|-------------------------|
| a, Head and Neck | d, Pelvis (Female in M) |
| b, Thorax        | e, Upper Extremities    |
| c, Abdomen       | f, Lower Extremities    |
- B. Skeletons (Bones, Ligaments and Joints).
- |                                     |                      |
|-------------------------------------|----------------------|
| a, Skull                            | c, Pelvis            |
| b, Vertebrae, Ribs, Sternum, Hyoid. | d, Upper Extremities |
|                                     | e, Lower Extremities |
- C. Muscular System (Muscles, Tendons and Fasciae).
- |                  |                      |
|------------------|----------------------|
| a, Head and Neck | c, Upper Extremities |
| b, Trunk         | d, Lower Extremities |
- D. Circulatory System.
- |                        |                |
|------------------------|----------------|
| a, Heart and Pericard. | c, Veins       |
| b, Arteries            | d, Capillaries |
- E. Lymphatic System and Ductless Glands.
- |                        |                  |
|------------------------|------------------|
| a, Lymphatics          | d, Thyroid Gland |
| b, Spleen              | e, Thymus Gland  |
| c, Supra renal capsule |                  |
- F. Nervous System.
- |                                       |
|---------------------------------------|
| a, Encephalon (exclusive of medulla)  |
| b, Medulla oblongata and Spinal Cord. |
| c, Peripheral and Sympathetic Nerves. |
- G. Respiratory System.
- |                        |
|------------------------|
| a, Larynx and Trachea. |
| b, Lungs and Pleura.   |
- H. Digestive System.
- |                                       |                    |
|---------------------------------------|--------------------|
| a, Teeth                              | f, Anus and Rectum |
| b, Mouth                              | g, Salivary Glands |
| c, Pharynx and Oesophagus             | h, Pancreas        |
| d, Stomach and Duod.                  | i, Liver           |
| e, Intestines (excl. of Anus & Rect.) | k, Peritoneum      |
- I. Organs of Sense.
- |                      |           |
|----------------------|-----------|
| a, Eye and Appendage | c, Tongue |
| b, Nose              | d, Ear    |
- K. Urinary Organs.
- |                         |
|-------------------------|
| a, Kidneys and Ureter   |
| b, Bladder and Urethra. |
- L. Male Generative System.
- |   |
|---|
| a, Scrotum, Testes and Vasa Deferens                  |
| b, Vesiculae Seminales, Prostate and Cowper's Glands. |
| c, Penis.   |
- M. Female Generative System and Pelvis.
- |   |                                |
|---|--------------------------------|
| a, Pelvis                                 | d, Vagina and Vulva.           |
| b, Ovaries                                | e, Foetal Membranes of Uterus. |
| c, Uterus, Ligaments and Fallopian Tubes. |                                |
- N. Tegumentary System.
- O. Microscopy.
- P. Weapons and Missiles.
- Q. Transportation and Care of Sick.
- R. Anthropology.
- S. Materia Medica and Chirurgica.
- T. Miscellaneous.
- Division of Conditions.
- 1, Embryology and Development
  - 2, Anatomy and Physiology.
  - 3, Abnormities and Deformities.
  - 4, Diseases.
    - 4-1, Disorders of Circulation
    - 4-2, Hypertrophy and Dilatation.
    - 4-3, Atrophy, Degeneration and Mortification.
    - 4-4, Inflammation and its sequelae.
    - 4-5, Parasites, Parasitic and Infectious Diseases.
    - 4-6, Tumors and Concretions.
    - 4-7, General Diseases.
    - 4-8,
    - 4-9, Other Diseases.
  - 5, Injuries and Foreign Bodies.
  - 6, Repairs and Restoration.
  - 7, Surgery.
  - 8, Post mortem appearance.



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